GENERAL NOTES

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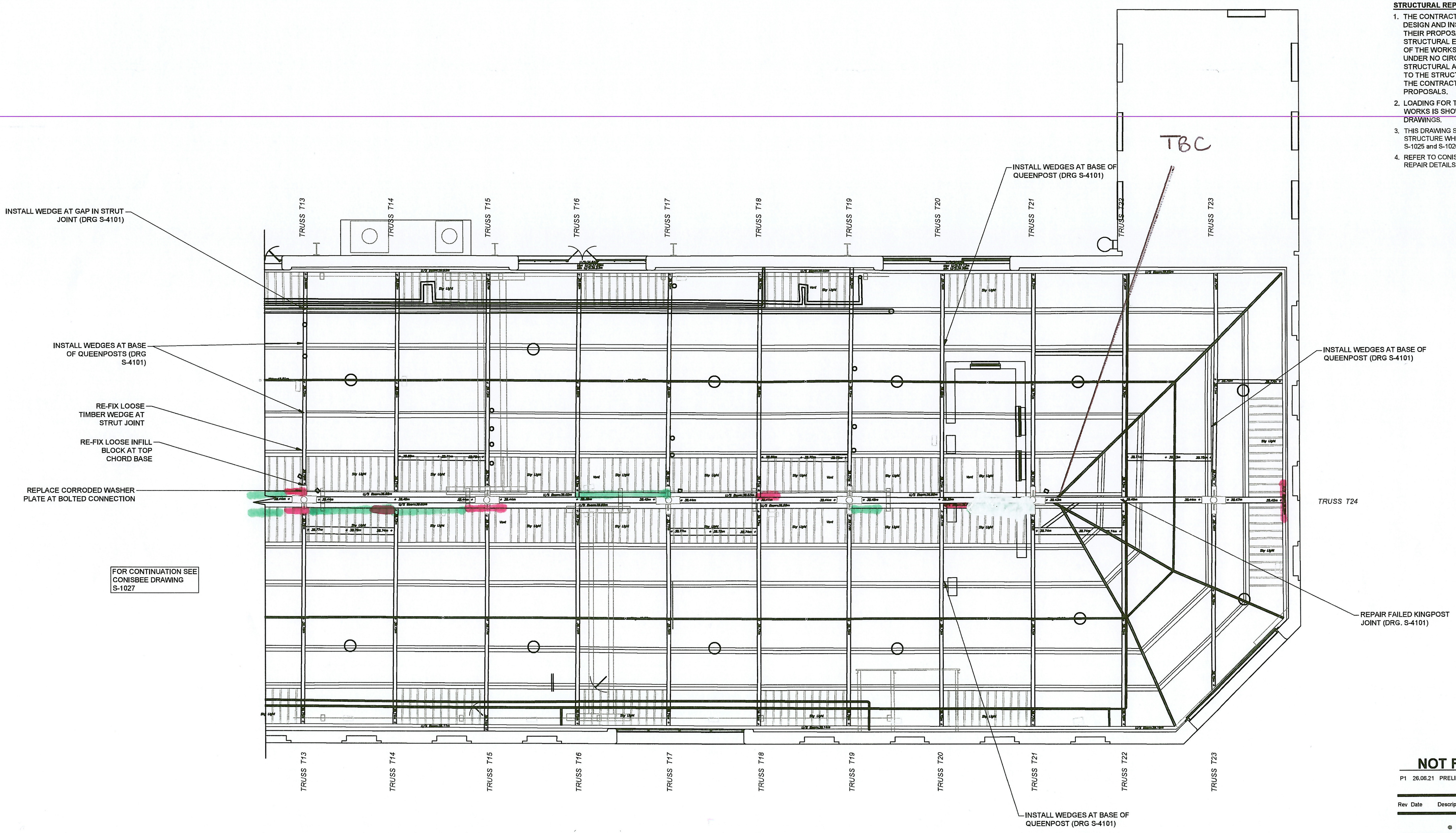
STRUCTURAL REPAIR NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
2. LOADING FOR THE DESIGN OF ALL TEMPORARY WORKS IS SHOWN ON THE TEMPORARY WORKS DRAWINGS.
3. THIS DRAWING SHOWS REPAIRS TO THE ROOF STRUCTURE WHICH ARE NOT DECAY RELATED. REFER TO S-1025 and S-1026 FOR TIMBER DECAY REPAIRS.
4. REFER TO CONISBEE DRAWING S-4101 FOR TYPICAL REPAIR DETAILS.


TBC
INSTALL WEDGES AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
TRUSS T13
TRUSS T14
TRUSS T15
TRUSS T16
TRUSS T17
TRUSS T18
TRUSS T19
TRUSS T20
TRUSS T21
TRUSS T22
TRUSS T23
INSTALL WEDGES AT BASE OF QUEENPOSTS (DRG S-4101)
INSTALL WEDGES AT BASE OF QUEENPOST (DRG S-4101)
RE-FIX LOOSE TIMBER WEDGE AT STRUT JOINT
RE-FIX LOOSE INFILL BLOCK AT TOP CHORD BASE
REPLACE CORRODED WASHER PLATE AT BOLTED CONNECTION
TRUSS T24
FOR CONTINUATION SEE CONISBEE DRAWING S-1027
REPAIR FAILED KINGPOST JOINT (DRG. S-4101)
INSTALL WEDGES AT BASE OF QUEENPOST (DRG S-4101)

🟩 ADDITIONAL ROT TO VALLEY BEAMS

🟥 EXISTING VALLEY BEAM REPAIRS

GENERAL NOTE: CHECK ALL EXISTING PACKERS/WEDGES ARE SECURE

NOT FOR CONSTRUCTION

Rev	Date	Description	Drawn	Check
P1	26.06.21	PRELIMINARY ISSUE	SW	KC

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Drawing Status
PRELIMINARY

Project
SCIENCE & INDUSTRY MUSEUM
MANCHESTER

Date JUNE 2021
Scale 1:100@A1
Drawn SW
Engineer SW

Title
POWER HALL ROOF REPAIRS
REPAIRS PLAN (WEST)

Project No
180426

Drawing No
180426-CON-PH-RF-DR-S-1028

Revision
P1

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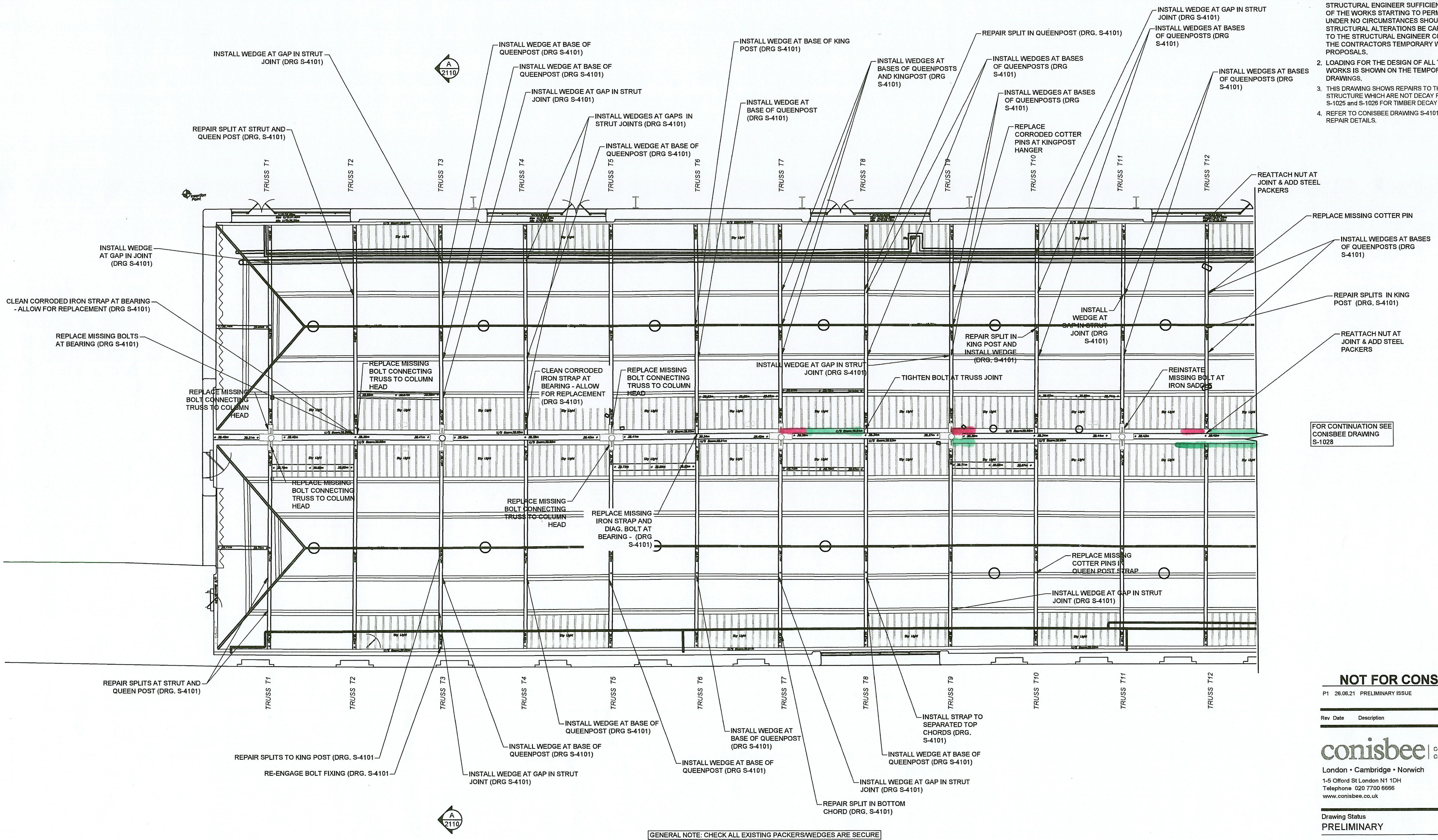
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
REPAIR SPLIT AT STRUT AND QUEEN POST (DRG. S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
INSTALL WEDGES AT GAPS IN STRUT JOINTS (DRG S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGE AT BASE OF KING POST (DRG S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGES AT BASES OF QUEENPOSTS AND KINGPOST (DRG S-4101)
REPAIR SPLIT IN QUEENPOST (DRG. S-4101)
INSTALL WEDGES AT BASES OF QUEENPOSTS (DRG S-4101)
INSTALL WEDGES AT BASES OF QUEENPOSTS (DRG S-4101)
REPLACE CORRODED COTTER PINS AT KINGPOST HANGER
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
INSTALL WEDGES AT BASES OF QUEENPOSTS (DRG S-4101)
INSTALL WEDGES AT BASES OF QUEENPOSTS (DRG S-4101)
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TRUSS T1
TRUSS T2
TRUSS T3
TRUSS T4
TRUSS T5
TRUSS T6
TRUSS T7
TRUSS T8
TRUSS T9
TRUSS T10
TRUSS T11
TRUSS T12
Inspection Point
REATTACH NUT AT JOINT & ADD STEEL PACKERS
REPLACE MISSING COTTER PIN
INSTALL WEDGES AT BASES OF QUEENPOSTS (DRG S-4101)
REPAIR SPLITS IN KING POST (DRG. S-4101)
REATTACH NUT AT JOINT & ADD STEEL PACKERS
INSTALL WEDGE AT GAP IN JOINT (DRG S-4101)
CLEAN CORRODED IRON STRAP AT BEARING - ALLOW FOR REPLACEMENT (DRG S-4101)
REPLACE MISSING BOLTS AT BEARING (DRG S-4101)
REPLACE MISSING BOLT CONNECTING TRUSS TO COLUMN HEAD
REPLACE MISSING BOLT CONNECTING TRUSS TO COLUMN HEAD
CLEAN CORRODED IRON STRAP AT BEARING - ALLOW FOR REPLACEMENT (DRG S-4101)
REPLACE MISSING BOLT CONNECTING TRUSS TO COLUMN HEAD
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
REPAIR SPLIT IN KING POST AND INSTALL WEDGE (DRG. S-4101)
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
TIGHTEN BOLT AT TRUSS JOINT
REINSTATE MISSING BOLT AT IRON SADDLE
FOR CONTINUATION SEE CONISBEE DRAWING S-1028
Sky Light
REPLACE MISSING BOLT CONNECTING TRUSS TO COLUMN HEAD
REPLACE MISSING BOLT CONNECTING TRUSS TO COLUMN HEAD
REPLACE MISSING IRON STRAP AND DIAG. BOLT AT BEARING - (DRG S-4101)
REPLACE MISSING COTTER PINS IN QUEEN POST STRAP
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
REPAIR SPLITS AT STRUT AND QUEEN POST (DRG. S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL STRAP TO SEPARATED TOP CHORDS (DRG. S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
REPAIR SPLITS TO KING POST (DRG. S-4101)
RE-ENGAGE BOLT FIXING (DRG. S-4101)
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
INSTALL WEDGE AT BASE OF QUEENPOST (DRG S-4101)
INSTALL WEDGE AT GAP IN STRUT JOINT (DRG S-4101)
REPAIR SPLIT IN BOTTOM CHORD (DRG. S-4101)
A
2110

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🟩 ADDITIONAL ROT TO VALLEY BEAMS

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